

collected at downgradient monitoring wells MW-01-O and M54-O. Both demonstrated higher water level elevations than the PTF observation wells located on the downgradient side of the wellfield, wells O-07 and O-06. The water levels at these wells are summarized in Table 4.

5. Ambient Mine Block Groundwater Concentrations and Initial Discharge Characterization of the Underground Workings

Results of the ambient groundwater characterization of the PTF mine block and the results of the initial discharge characterization of the underground workings are included in the memorandum titled *PTF Mine Block Ambient Groundwater Concentrations and Initial Discharge Characterization of the Underground Workings*, prepared by Brown and Caldwell and provided as Appendix C to this report.

6. Ambient LBFU Bulk Electrical Conductivity Results

The results of the Ambient Bulk Electrical Conductivity ambient monitoring and proposed alert levels are included in the report titled *Procedures for Determining Bulk Electrical Conductivity Levels, Production Test Facility* prepared by Haley & Aldrich. This report is provided as Appendix D of this report, and was previously submitted to both the ADEQ and the USEPA.

7. Well Installation Details for All PTF Wellfield and Monitoring Wells

Technical Memorandums summarizing the drilling and installation for each of the PTF wellfield and monitoring wells are included in the following appendices:

- * Appendix E, Point-of-Compliance Wells;
- * Appendix F, PTF Supplemental Monitoring Wells;
- * Appendix G, PTF Operational Monitoring Wells;
- * Appendix H, PTF Injection and Recovery Wells;
- * Appendix I, PTF Westbay Wells; and
- * Appendix J, PTF Observation Wells.

The Technical Memorandums for all Class III wells include USEPA form 7520-9 and supporting documentation including results of the demonstration for mechanical integrity.

8. Closing

This report conforms to requirements describing a PTF Pre-Operational Report set forth in Section 2.7.4.3 of the APP. The content also conforms to requirements of the UIC Permit set forth in Part II.C.1(b), Part II.C.3, Part II.C.9(a), Part II.C.9(b), and Part II.G.4.